Monitoring Data Record

Project Title: US 70 in Salisbury (R-2911E) COE Action ID: 200221536							
Stream Name: Setman Branch DWQ Number: 030908							
City, County and other Location Information: Salisbury, Rowan Co., Sta. 8+35 to Sta. 8+85							
Date Construction Completed: Water was turned and streambank reforestation was completed							
in March 2006. Monitoring Year: (5) of 5							
Ecoregion: 8 digit HUC unit 03040102							
USGS Quad Name and Coordinates:							
Rosgen Classification: Proposed Reach is a E5 stream type							
Length of Project: 180.4' Urban or Rural: Urban Watershed Size:							
Monitoring DATA collected by: M. Green Date: 3/1/11							
Applicant Information:							
Name: NCDOT Roadside Environmental Unit							
Address: 1425 Rock Quarry Road Raleigh, NC 27610							
Telephone Number: (919) 861-3772 Email address: mlgreen@ncdot.gov							
Consultant Information:							
Name:							
Address:							
Telephone Number: Email address:							
Project Status: Complete							
Monitoring Level required by COE and DWQ (404 permit/ 401 Cert.): Level (1/2) 3							
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If required to complete Level 3 monitoring <u>only</u> stop here; otherwise, complete section 2.

Section 2. <u>PLANT SURVIVAL</u> Attach plan sheet indicating reference photos.

Identify specific problem areas ((missing, stressed, damaged or dead plantings):
On May 26, 2010, NCDOT noticed that	at the Setman Branch site had been mowed prior to this date.
	-
Estimated aggrees and managed	Inaginal namedial action. NODOT - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
	/required remedial action: NCDOT replanted the buffer area on March
	buttonbush, elderberry, and silky dogwood). The planted area has been signed
and fencing should be installed in Mare	<u>ch 2011.</u>
ADDITIONAL COMMENTS:	Planted vegetation was dormant at the time of monitoring
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If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

Section 3. CHANNEL STABILITY

Visual Inspection: The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. <u>Physical measurements of channel stability/morphology will not be required.</u> Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

This is the Year 5 Winter monitoring evaluation. The streambanks are stable throughout the entire site. NCDOT will continue to monitor this onsite stream relocation.

Date	Station	Station	Station	Station	Station
Inspected	Number	Number	Number	Number	Number
Structure					
Type					
Is water					
piping					
through					
or around					
structure?					
Head cut					
or down					
cut					
present?					
Bank or					
scour					
erosion					
present?					

Section 4. DEBIT LEDGER

The entire Setman Branch stream mitigation site was used for the R-2911E project to compensate for unavoidable stream impacts

Setman Branch



PP#1 (Looking downstream from box culvert)



PP#2 (Upstream)



PP#2 (Downstream)



PP#3 (Looking upstream from driveway pipe)

Year 5 Winter - March 2011

